

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

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Claims 1- 9 (canceled)

Claim 10. (new) An error informing apparatus included in an Internet facsimile apparatus, the Internet facsimile apparatus connected to a mail server via a LAN, the error informing apparatus comprising:

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a controller configured to transmit a command for an Internet transmission to the mail server, to detect whether a response to the command is received from the mail server, to generate an IP packet including an error message one of when the response to the command is not received for a predetermined time and when the response to the command is incorrect, and to transmit the IP packet including the error message to an apparatus configured to receive the IP packet, the apparatus being connected to the error informing apparatus via the LAN, the IP packet being an "Echo request" packet which requests the apparatus to transmit the IP packet back to the error informing apparatus;

the controller being further configured to forward the "Echo request" packet to the LAN when the "Echo request" packet is transmitted back to the error informing apparatus, whereby the "Echo request" packet is analyzed by an analyzing apparatus connected to the error informing apparatus via the LAN after the error informing apparatus forwards the "Echo request" packet.

Claim 11. (new) The error informing apparatus according to claim 10, wherein the apparatus connected to the error informing apparatus via the LAN comprises a router which connects the LAN with an Internet.

Claim 12. (new) The error informing apparatus according to claim 10, wherein the analyzing apparatus connected to the error informing apparatus via the LAN comprises a personal computer.

Claim 13. (new) The error informing apparatus according to claim 10, wherein the error message includes a name of a program which the error informing apparatus executes when the error informing apparatus waits for the response to the command from the mail server.

Claim 14. (new) The error informing apparatus according to claim 10, wherein the error message includes a name and a row number of a program which the error informing apparatus executes when the error informing apparatus waits for the response to the command from the mail server.

Claim 15. (new) An Internet facsimile apparatus connected to a mail server via a LAN, the Internet facsimile apparatus comprising:

a transformer configured to transform an image data into a data format of an e-mail;

a controller configured to transmit a command for an Internet transmission to the mail server, and to transmit, to the mail server, an e-mail to which the transformed data is attached;

the controller is configured to generate an IP packet including an error message one of when the response to the command is not received for a predetermined time and when the response to the command is incorrect, and to transmit the IP packet including the error message to an apparatus configured to receive the IP packet, the apparatus being connected to the Internet facsimile apparatus via the LAN, the IP packet being an "Echo request" packet which requests the apparatus to transmit the IP packet back to the Internet facsimile apparatus;

A the controller being further configured to forward the "Echo request" packet to the LAN when the "Echo request" packet is transmitted back to the Internet facsimile apparatus, whereby the "Echo request" packet is analyzed by an analyzing apparatus connected to the Internet facsimile apparatus via the LAN after the Internet facsimile apparatus forwards the "Echo request" packet.

Claim 16. (new) An error informing method comprising:

transmitting a command for an Internet transmission to a mail server;

detecting whether a response to the command is received from the mail server;

generating an IP packet including an error message one of when the response to the command is not received for a predetermined time and when the response to the command is incorrect;

transmitting the IP packet including the error message to an apparatus configured to receive the IP packet, the apparatus being connected to the source of the IP packet via a

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LAN, the IP packet being an "Echo request" packet which requests transmission of the IP packet back to a source of the IP packet;

A forwarding the "Echo request" packet to the LAN when the "Echo request" packet is transmitted back to the source, whereby the "Echo request" packet is analyzed by an analyzing apparatus connected to the LAN after the "Echo request" packet is forwarded.

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